

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122120\
 Data File : BN013236.D
 Acq On : 21 Dec 2020 11:59
 Operator : CG/JU
 Sample : L5151-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE8

Manual Integrations
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mohammad
 12/22/2020 2:39:40 PM

Quant Time: Dec 21 12:31:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 21 10:25:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	757	0.40	ng/ul	0.00
2) Naphthalene-d8	10.09	136	2666	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.00	164	1550	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	3111m	0.40	ng/ul	0.00
16) Chrysene-d12	20.99	240	2277	0.40	ng/ul	0.00
20) Perylene-d12	23.08	264	2417	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.69	152	987	0.25	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	2013	0.24	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.14	128	23727	3.076	ng/ul#	91
5) 2-Methylnaphthalene	11.77	142	18630	3.676	ng/ul	99
7) Acenaphthylene	13.72	152	13260	1.807	ng/ul	96
8) Acenaphthene	14.07	153	4446	0.739	ng/ul	97
9) Fluorene	15.06	166	7273	1.053	ng/ul	99
12) Phenanthrene	16.81	178	135752	13.015	ng/ul	96
13) Anthracene	16.89	178	33214	3.742	ng/ul	95
15) Fluoranthene	18.84	202	312103	25.179	ng/ul	98
17) Pyrene	19.21	202	259258	24.105	ng/ul	99
18) Benzo(a)anthracene	20.98	228	183070	19.433	ng/ul	100
19) Chrysene	21.03	228	173591	16.677	ng/ul	98
21) Benzo(b)fluoranthene	22.47	252	292027m	26.116	ng/ul	
22) Benzo(k)fluoranthene	22.51	252	97885m	7.920	ng/ul	
23) Benzo(a)pyrene	22.99	252	198420m	19.124	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.12	276	136974	10.050	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.12	278	34428	3.194	ng/ul	95
26) Benzo(a,h,i)perylene	25.74	276	107327	8.706	ng/ul	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

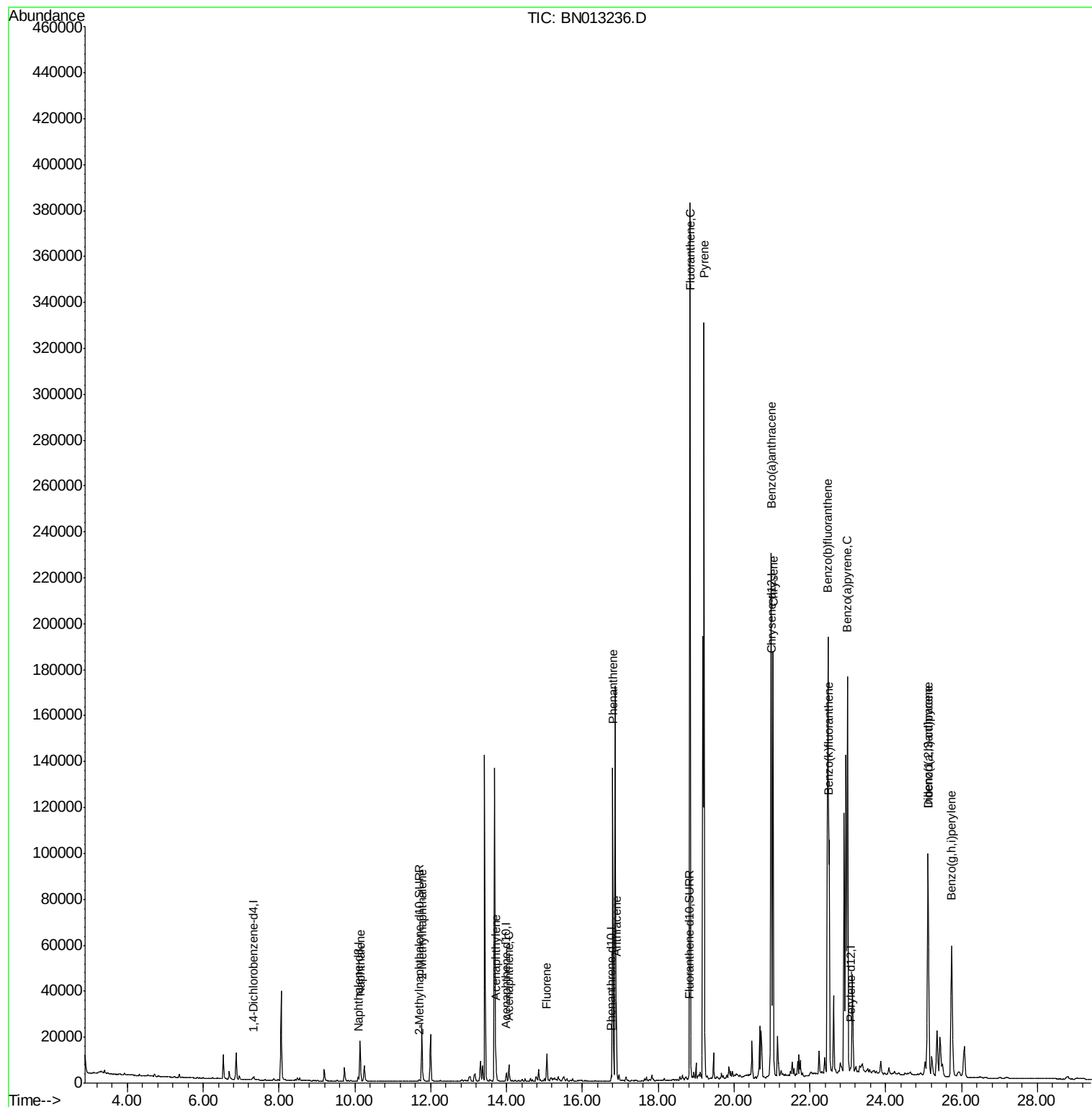
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122120\
Data File : BN013236.D
Acq On : 21 Dec 2020 11:59
Operator : CG/JU
Sample : L5151-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

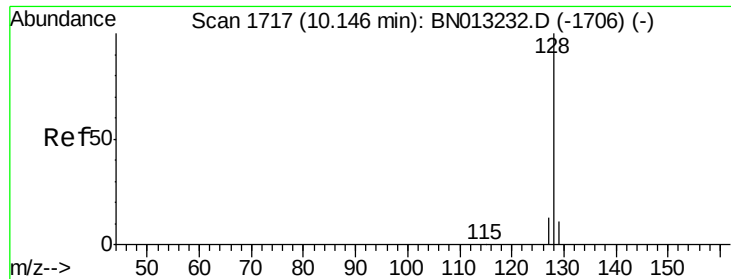
Instrument :
BNA_N
ClientSampleId :
C0AE8

Manual Integrations
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Quant Time: Dec 21 12:31:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 21 10:25:14 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 3.076 ng/ul

RT: 10.14 min Scan# 1715

Delta R.T. -0.01 min

Lab File: BN013236.D

Acq: 21 Dec 2020 11:59

Instrument :

BNA_N

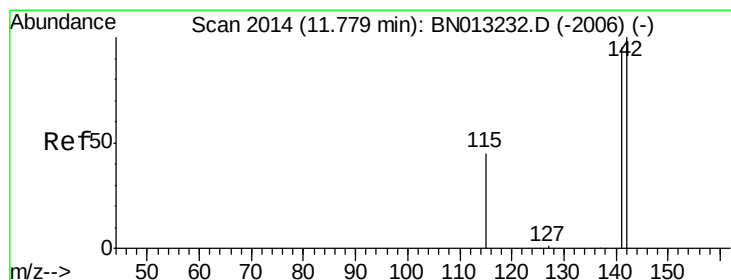
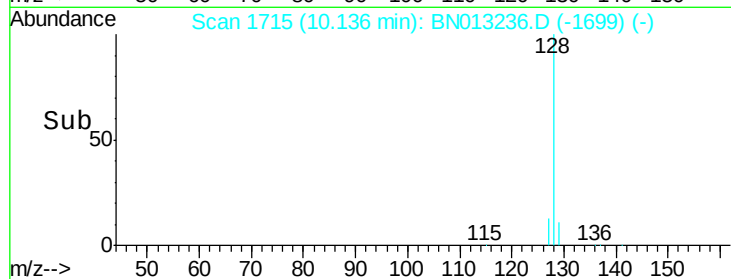
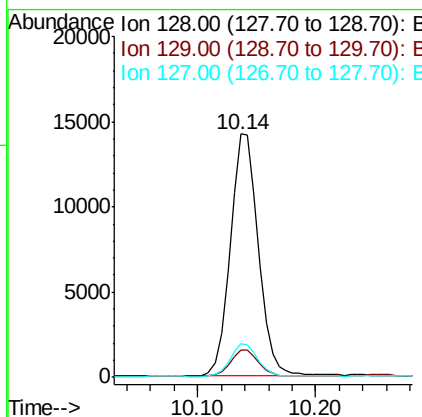
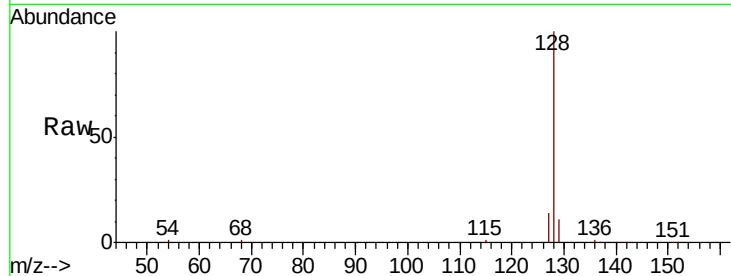
ClientSampleId :

C0AE8

Tot Ion:	128	Resp:	23727
Ion Ratio	Lower	Upper	
128	100		
129	11.5	12.3	18.5#
127	13.7	14.2	21.4#

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#5

2-Methylnaphthalene

Concen: 3.676 ng/ul

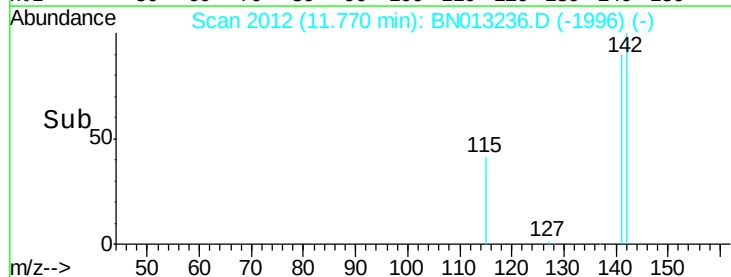
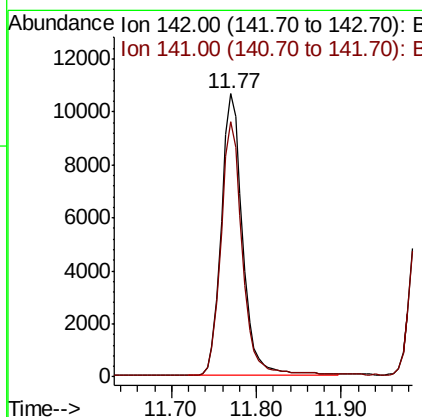
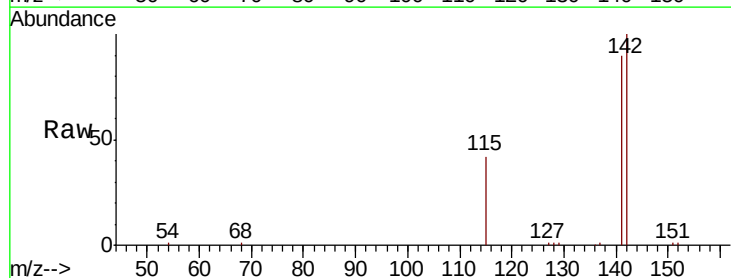
RT: 11.77 min Scan# 2012

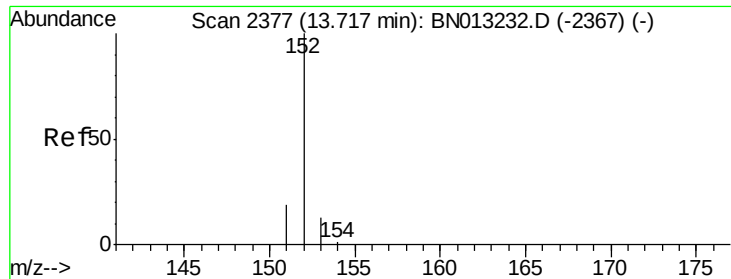
Delta R.T. -0.01 min

Lab File: BN013236.D

Acq: 21 Dec 2020 11:59

Tgt Ion:	142	Resp:	18630
Ion Ratio	Lower	Upper	
142	100		
141	90.2	73.0	109.6





#7

Acenaphthylene

Concen: 1.807 ng/ul

RT: 13.72 min Scan# 2377

Delta R.T. 0.00 min

Lab File: BN013236.D

Acq: 21 Dec 2020 11:59

Instrument :

BNA_N

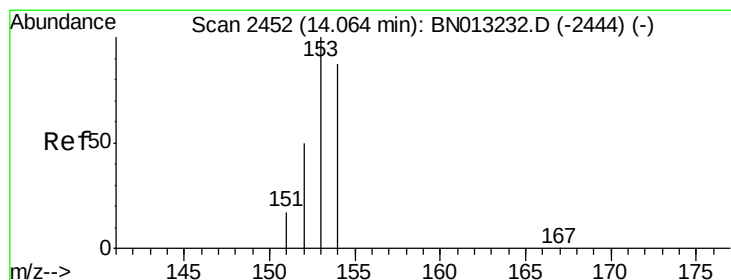
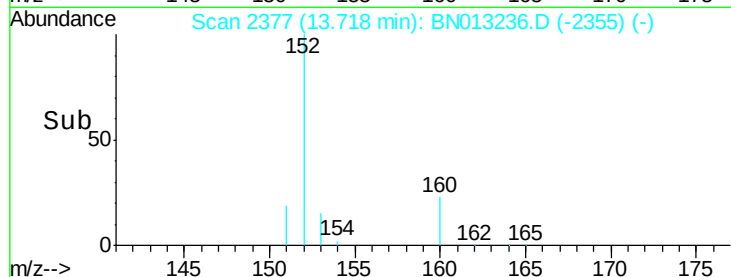
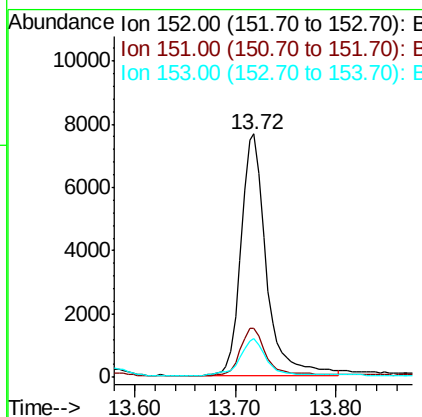
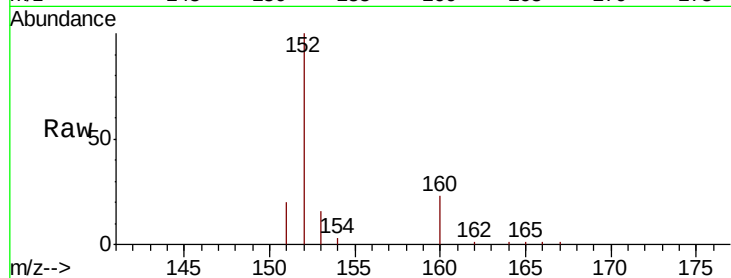
ClientSampleId :

C0AE8

Tot Ion:	152	Resp:	13260
Ion Ratio	Lower	Upper	
152	100		
151	20.1	18.2	27.4
153	15.8	13.1	19.7

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#8

Acenaphthene

Concen: 0.739 ng/ul

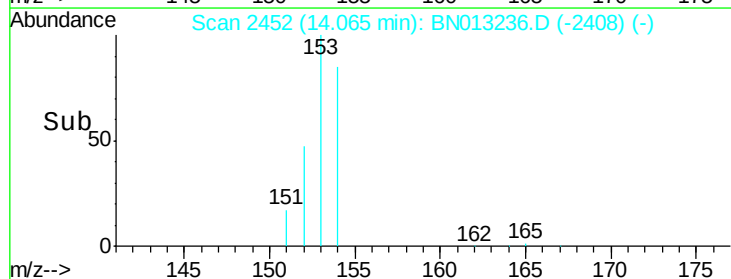
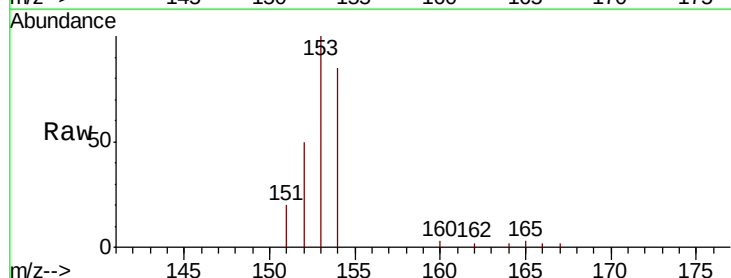
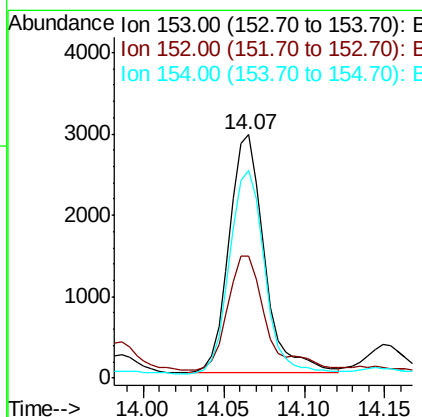
RT: 14.07 min Scan# 2452

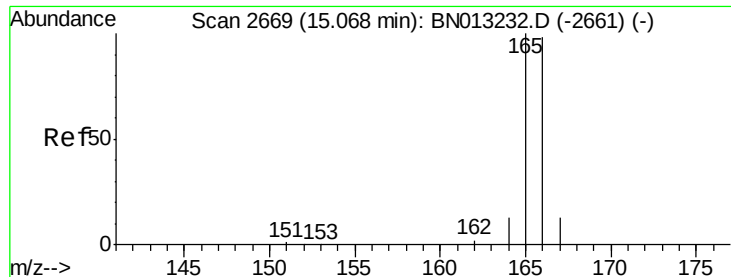
Delta R.T. 0.00 min

Lab File: BN013236.D

Acq: 21 Dec 2020 11:59

Tgt Ion:	153	Resp:	4446
Ion Ratio	Lower	Upper	
153	100		
152	50.2	40.7	61.1
154	85.2	70.8	106.2





#9

Fluorene

Concen: 1.053 ng/ul

RT: 15.06 min Scan# 2668

Delta R.T. -0.00 min

Lab File: BN013236.D

Acq: 21 Dec 2020 11:59

Instrument :

BNA_N

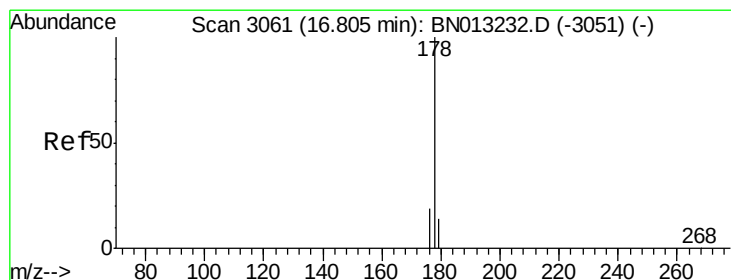
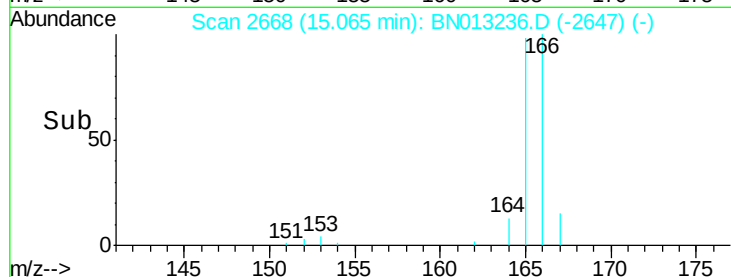
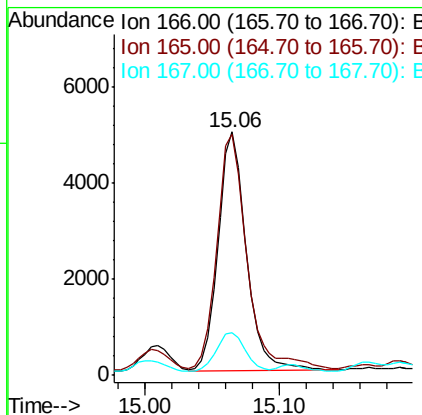
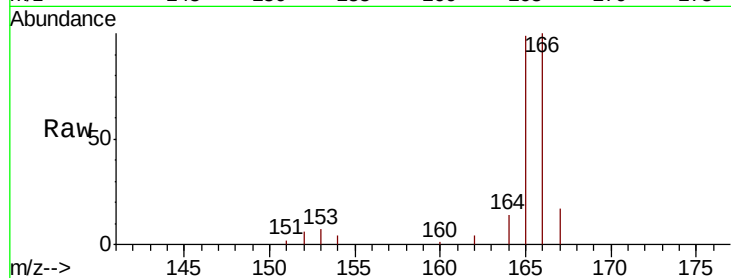
ClientSampleId :

C0AE8

Tot Ion:	166	Resp:	7273
Ion Ratio	Lower	Upper	
166	100		
165	98.8	79.8	119.8
167	17.5	13.8	20.8

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#12

Phenanthrene

Concen: 13.015 ng/ul

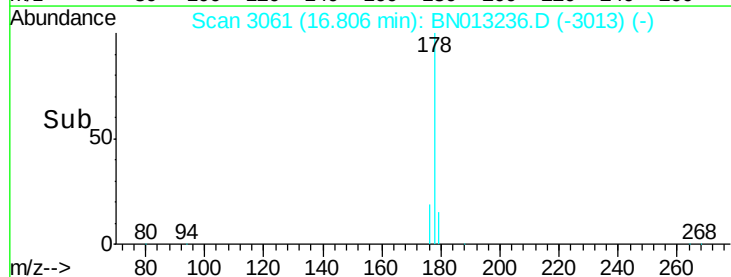
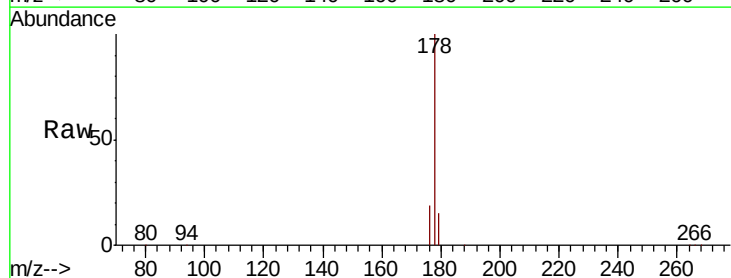
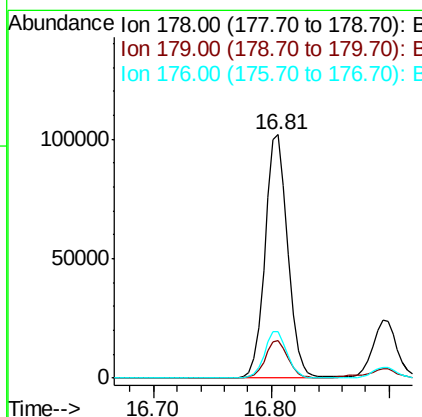
RT: 16.81 min Scan# 3061

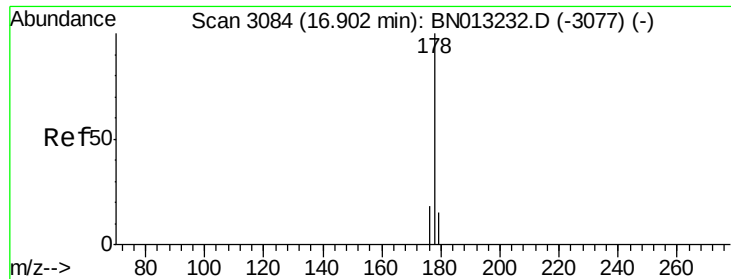
Delta R.T. 0.00 min

Lab File: BN013236.D

Acq: 21 Dec 2020 11:59

Tgt Ion:	178	Resp:	135752
Ion Ratio	Lower	Upper	
178	100		
179	15.3	13.6	20.4
176	18.9	16.4	24.6





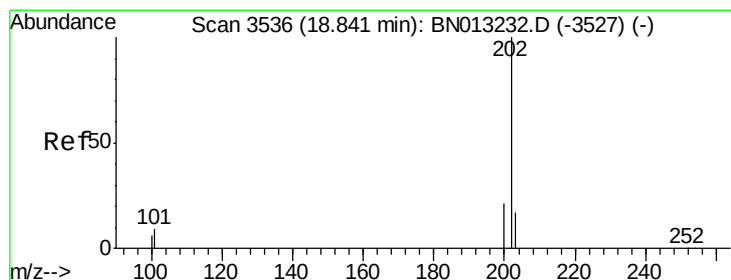
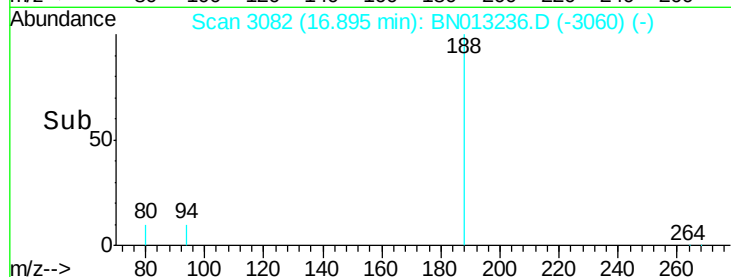
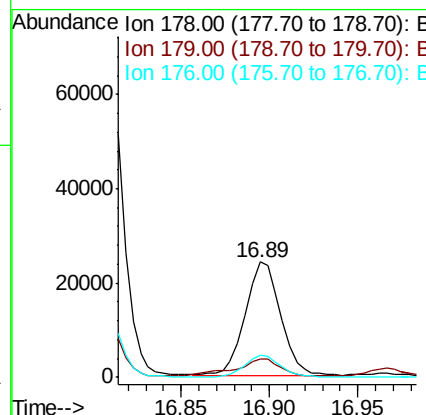
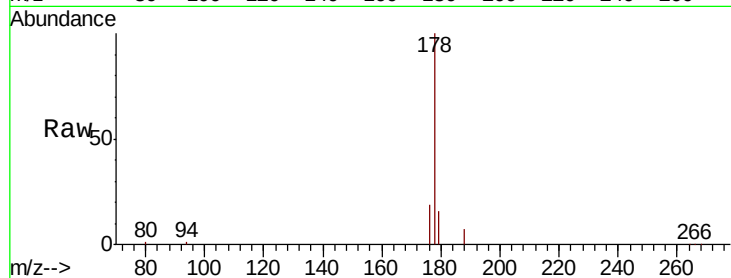
#13
 Anthracene
 Concen: 3.742 ng/ul
 RT: 16.89 min Scan# 3082
 Delta R.T. -0.01 min
 Lab File: BN013236.D
 Acq: 21 Dec 2020 11:59

Instrument :
 BNA_N
 ClientSampleID :
 C0AE8

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	14.6	21.8
176	19.2	17.1	25.7

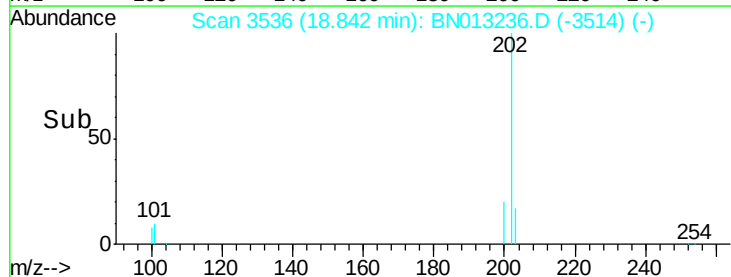
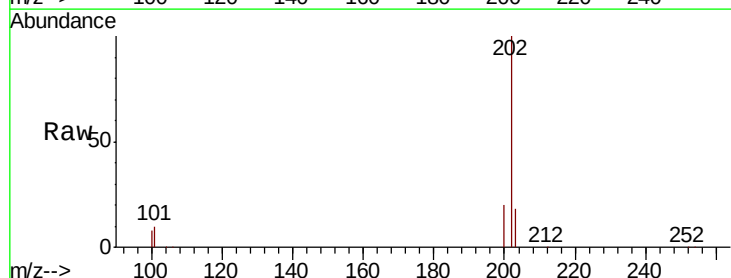
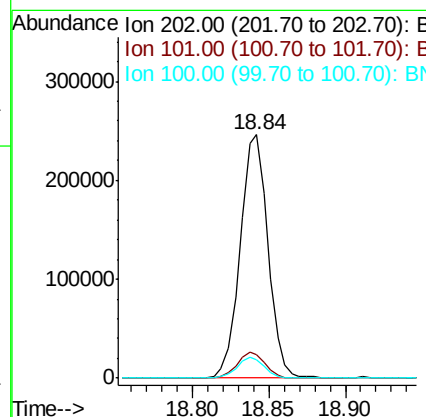
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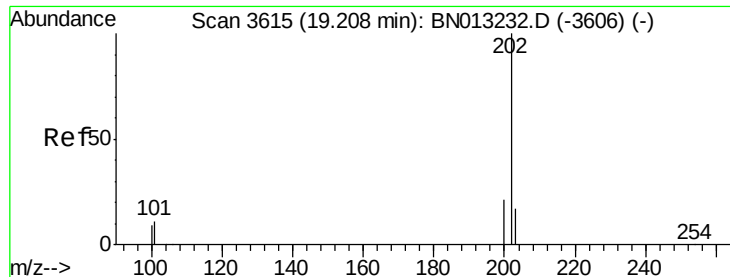
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#15
 Fluoranthene
 Concen: 25.179 ng/ul
 RT: 18.84 min Scan# 3536
 Delta R.T. 0.00 min
 Lab File: BN013236.D
 Acq: 21 Dec 2020 11:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.6
100	7.6	0.0	28.7





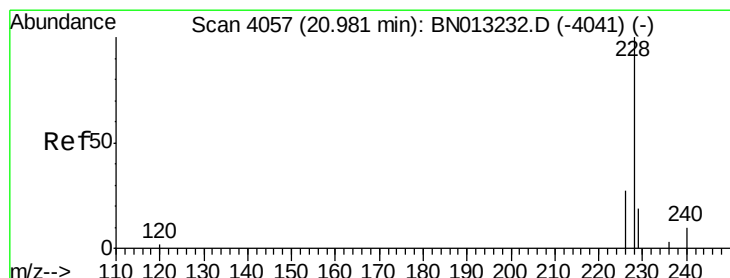
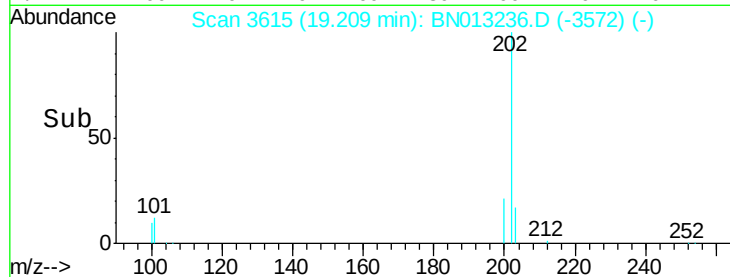
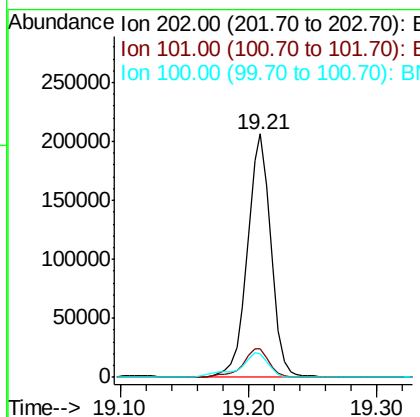
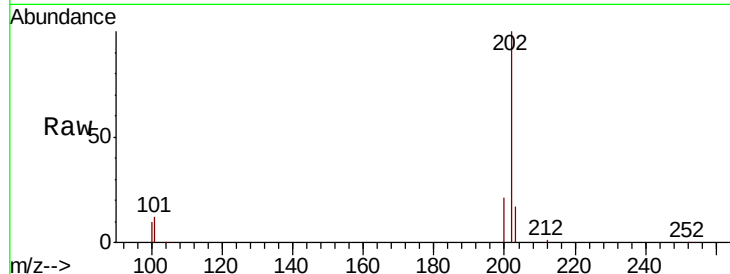
#17
Pvrene
Concen: 24.105 ng/ul
RT: 19.21 min Scan# 3615
Delta R.T. 0.00 min
Lab File: BN013236.D
Acq: 21 Dec 2020 11:59

Instrument :
BNA_N
ClientSampleId :
C0AE8

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.8	9.1	13.7
100	9.7	7.5	11.3

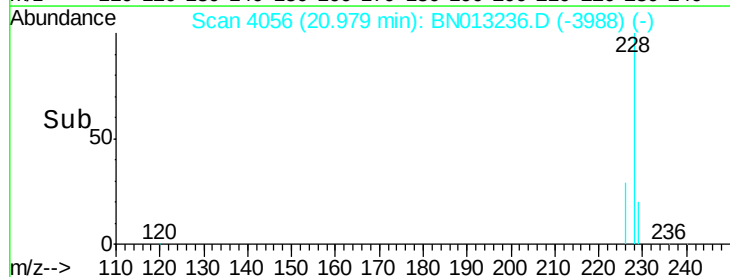
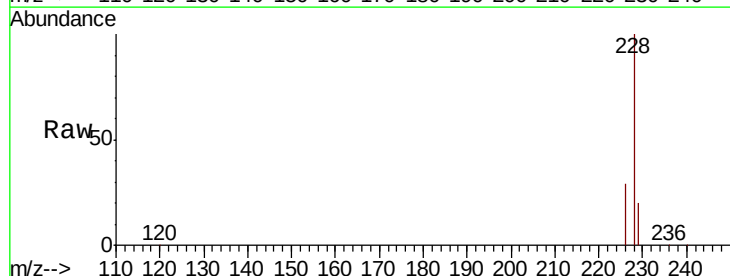
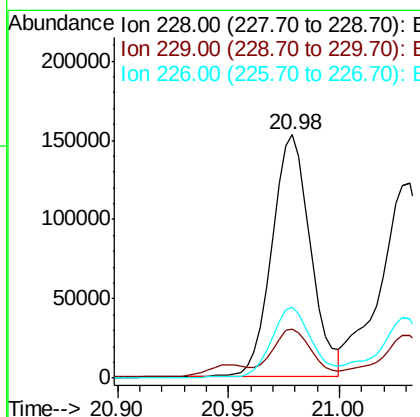
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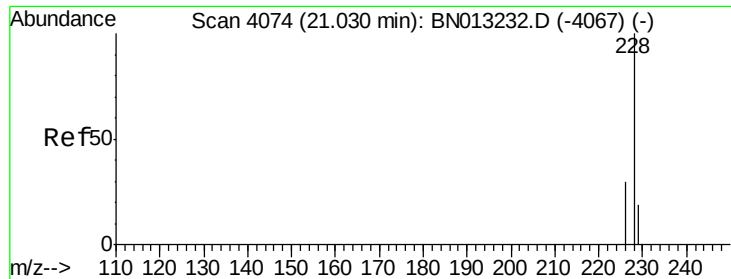
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#18
Benzo(a)anthracene
Concen: 19.433 ng/ul
RT: 20.98 min Scan# 4056
Delta R.T. -0.00 min
Lab File: BN013236.D
Acq: 21 Dec 2020 11:59

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.4	16.3	24.5
226	28.9	23.4	35.2





#19

Chrysene

Concen: 16.677 ng/ul

RT: 21.03 min Scan# 4074

Delta R.T. 0.00 min

Lab File: BN013236.D

Acq: 21 Dec 2020 11:59

Instrument :

BNA_N

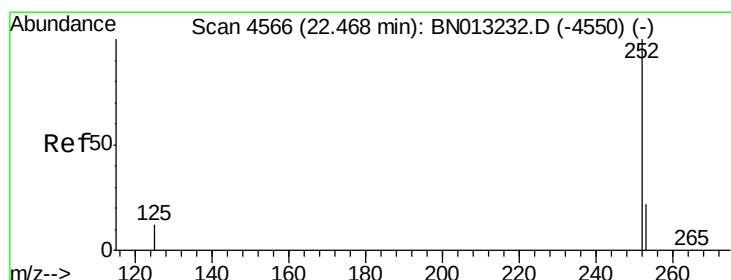
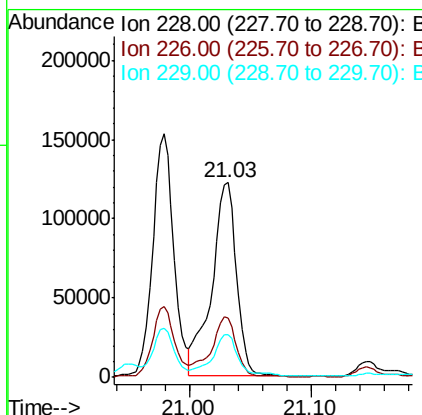
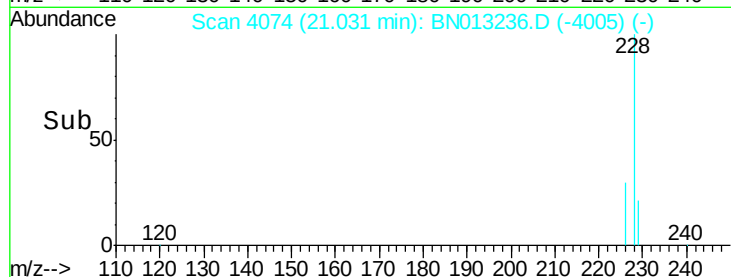
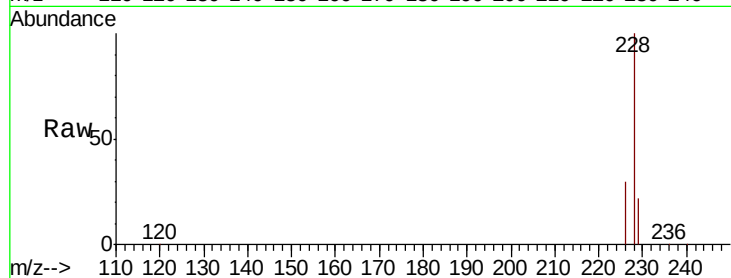
ClientSampleId :

C0AE8

Tot Ion:	228	Resp:	173591
Ion Ratio	Lower	Upper	
228	100		
226	30.3	25.0	37.6
229	21.8	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 26.116 ng/ul m

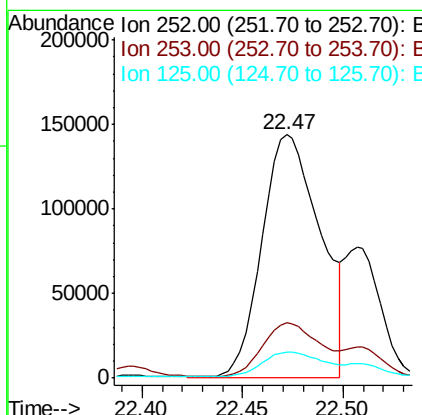
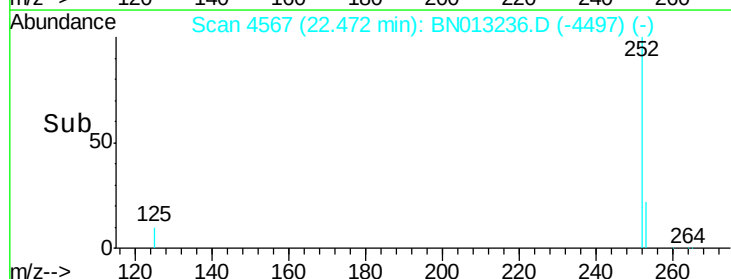
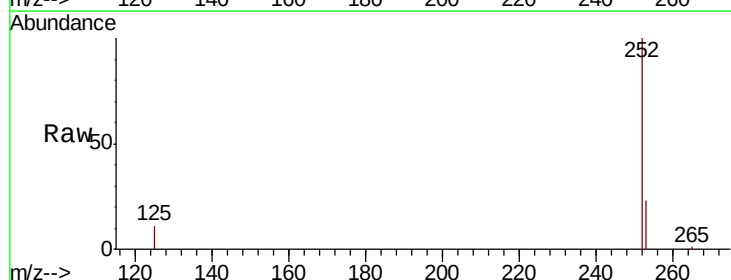
RT: 22.47 min Scan# 4567

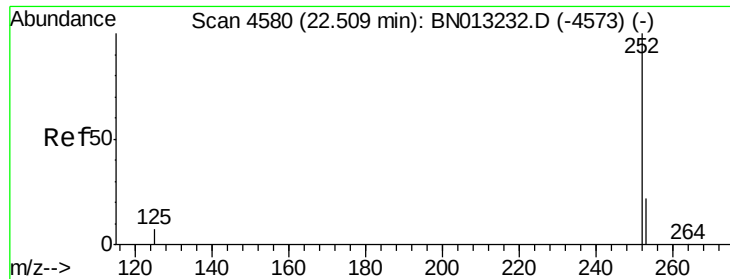
Delta R.T. 0.00 min

Lab File: BN013236.D

Acq: 21 Dec 2020 11:59

Tgt Ion:	252	Resp:	292027
Ion Ratio	Lower	Upper	
252	100		
253	22.7	0.0	59.6
125	10.7	0.0	26.0





#22

Benzo(k)fluoranthene

Concen: 7.920 ng/ul m

RT: 22.51 min Scan# 4579

Delta R.T. -0.00 min

Lab File: BN013236.D

Acq: 21 Dec 2020 11:59

Instrument :

BNA_N

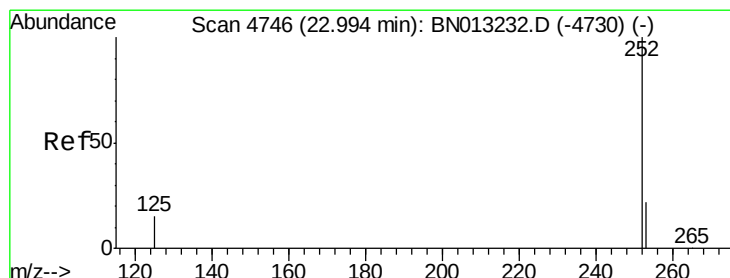
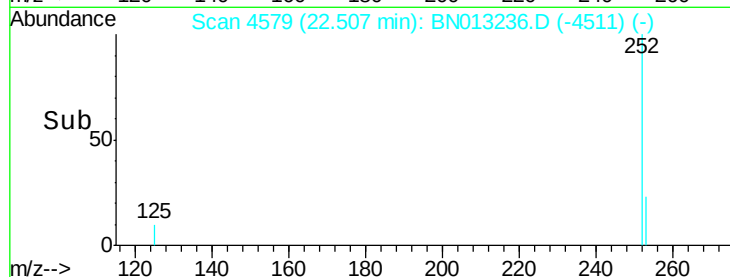
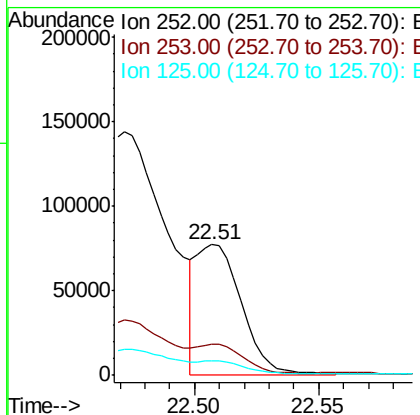
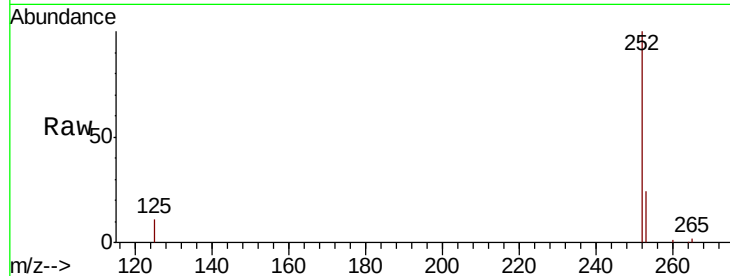
ClientSampleId :

C0AE8

Tot Ion:	252	Resp:	97885
Ion Ratio	Lower	Upper	
252	100		
253	23.7	23.4	35.2
125	11.0	11.1	16.7#

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#23

Benzo(a)pyrene

Concen: 19.124 ng/ul m

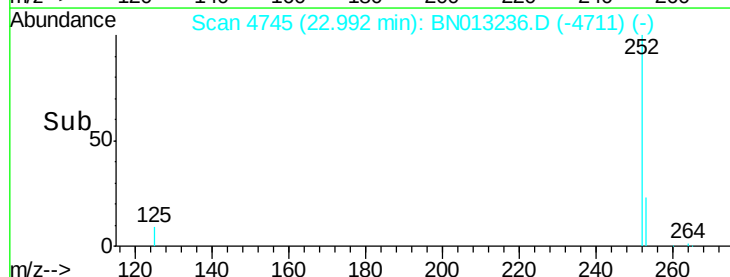
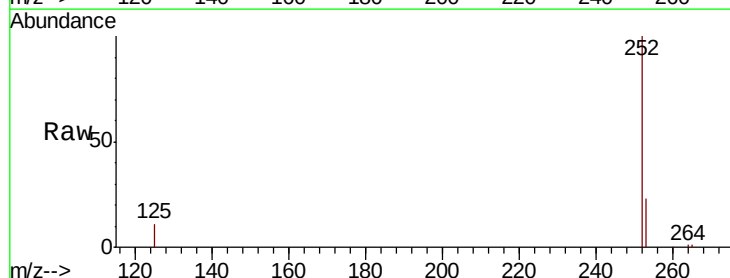
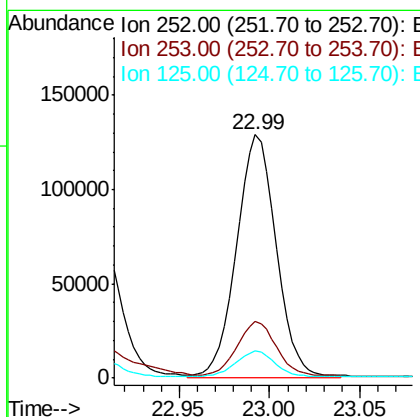
RT: 22.99 min Scan# 4745

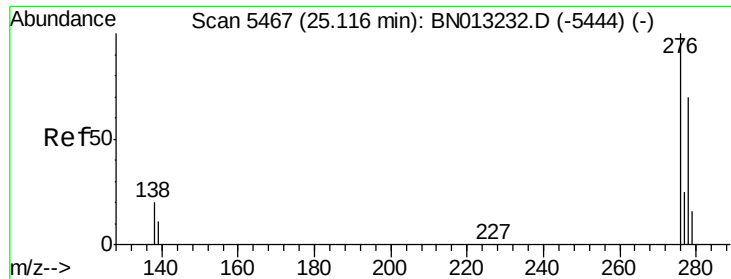
Delta R.T. -0.00 min

Lab File: BN013236.D

Acq: 21 Dec 2020 11:59

Tgt Ion:	252	Resp:	198420
Ion Ratio	Lower	Upper	
252	100		
253	23.2	26.5	39.7#
125	11.0	14.2	21.2#





#24

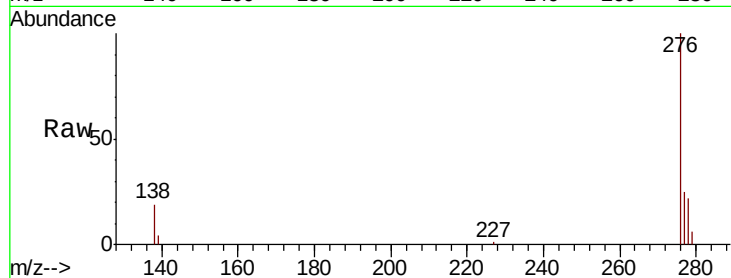
Indeno(1,2,3-cd)pyrene
Concen: 10.050 ng/ul
RT: 25.12 min Scan# 5467
Delta R.T. 0.00 min
Lab File: BN013236.D
Acq: 21 Dec 2020 11:59

Instrument :
BNA_N
ClientSampleId :
C0AE8

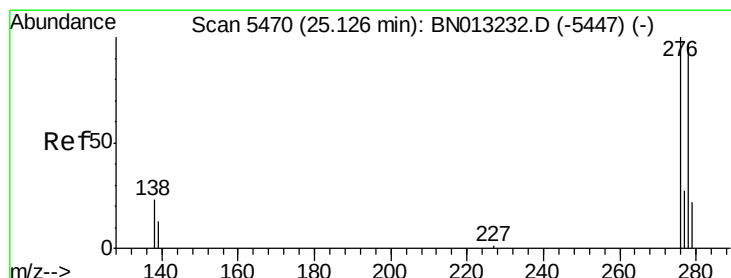
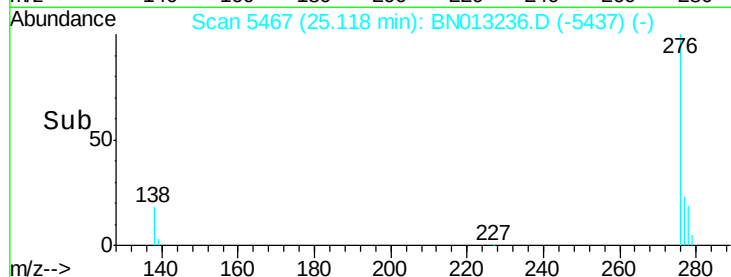
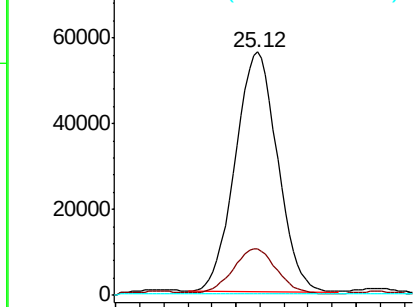
Tot Ion	Ratio	Lower	Upper
276	100		
138	18.9	16.2	24.2
227	0.3	0.0	0.0#

Manual Integrations
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mohammad
12/22/2020 2:39:40 PM



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E

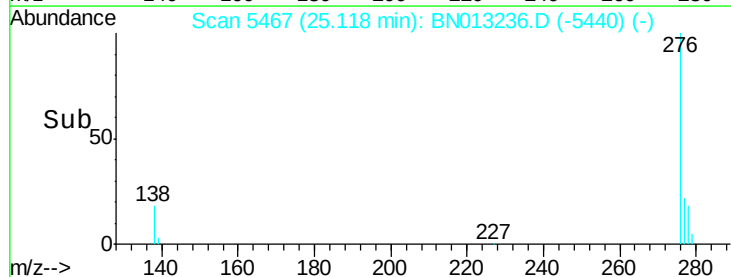
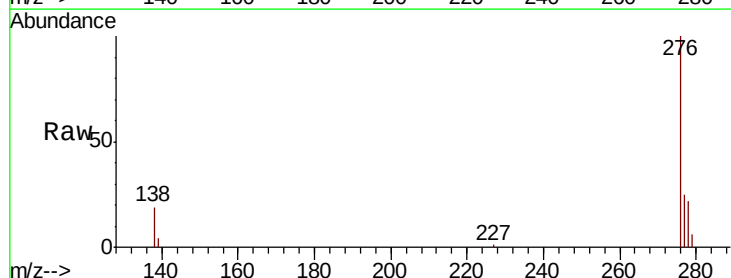
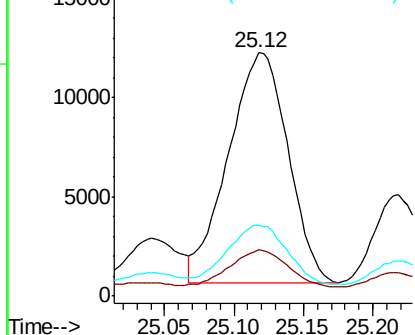


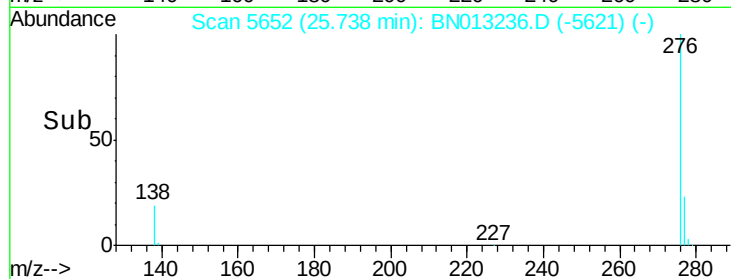
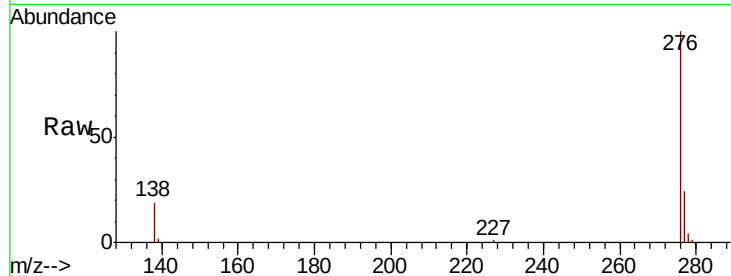
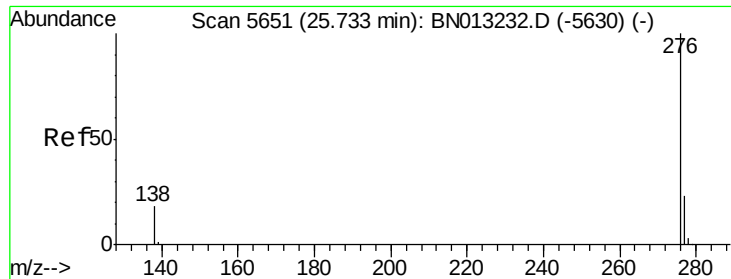
#25

Dibenzo(a,h)anthracene
Concen: 3.194 ng/ul
RT: 25.12 min Scan# 5467
Delta R.T. -0.01 min
Lab File: BN013236.D
Acq: 21 Dec 2020 11:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.1	14.5	21.7
279	29.3	26.3	39.5

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 8.706 ng/ul

RT: 25.74 min Scan# 5652

Delta R.T. 0.00 min

Lab File: BN013236.D

Acq: 21 Dec 2020 11:59

Tot Ion:	276	Resp:	107327
Ion Ratio	Lower	Upper	
276	100		
138	19.2	16.3	24.5
277	24.3	21.8	32.6

Instrument :

BNA_N

ClientSampleId :

C0AE8

Manual Integrations
APPROVED

mohammad
12/22/2020 2:39:40 PM

